



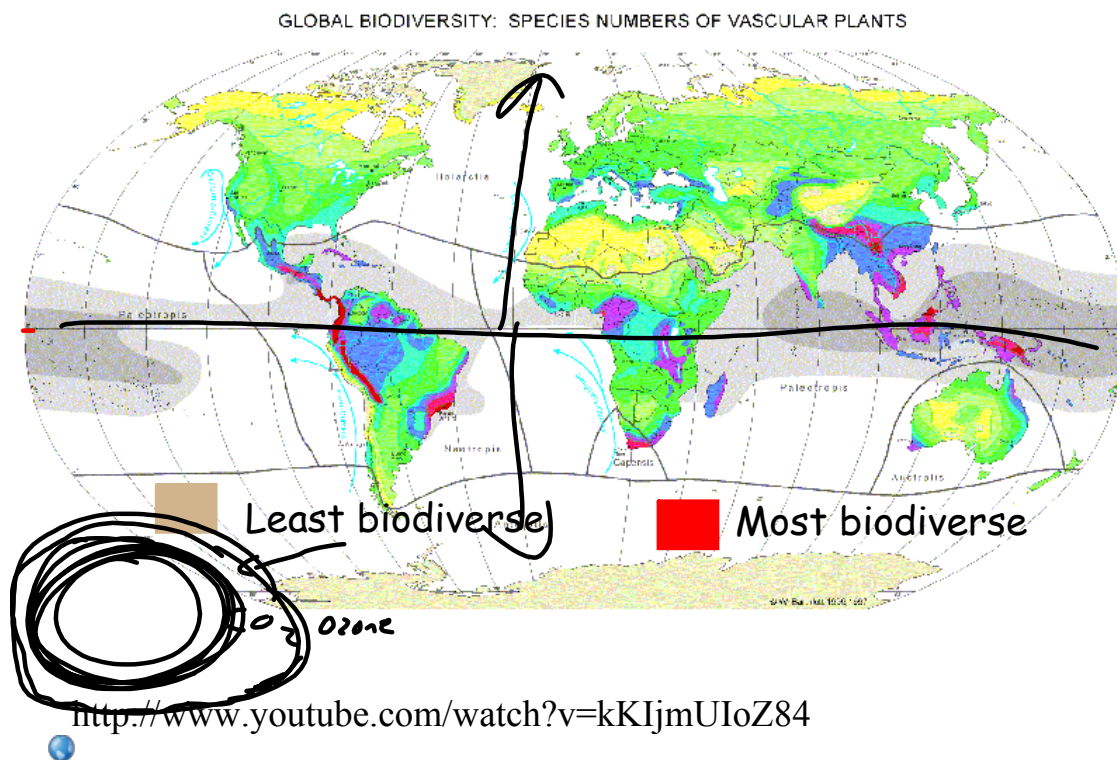
Biodiversity

Definition:

- Bio = life
- Diversity = differences

Biodiversity looks at the number of different species within an ecosystem or biome

- seen as a measure of the health of Earth's ecosystems



<http://www.youtube.com/watch?v=N5ssjM2Fjuc>

What are some reasons for the differences in these areas?

Why is biodiversity important?

- Effects air and water quality
- Helps with disease control
- Natural pest control
- Prevention of Erosion
- Ecosystem sustainability
- Which all lead to human sustainability

monoculture

↳ only 1 species in a certain area

- can be wiped out by disease
- no old grow dying to add nutrients to the soil

What causes ecosystems to become less biodiverse?

- Endangered & Extinct species
 - * Exotic Species
- Overpopulation
- Destruction of Land
 - * deforestation
 - * monocultures
 - * pollution
 - * natural disasters
 - * war
- Climate Change (global warming)
 - * CO₂ emissions

Conserving Biodiversity:

- protecting and sustaining species
 - * Laws
 - * Organizations
 - * government funding
- management of natural resources
 - * Laws
 - * Selective cutting for example
- learning to live differently
 - * Government funding
 - * Organizations
 - * research

Use your knowledge of ecosystems, biodiversity & the economy, write a position paper on whether the gov't of NB. should allow either a) fracking b) the pipeline to be built in NB or c) the continuance of allowing large companies to re plant only 1 species of trees after a piece of land has been clear cut.

Start with a T chart and list the pro's and con's of the topic you chose. Than write a 1 page paper explaining you feelings toward the topic you picked. You may need to research the topic area a bit.

Pro's	Con's